

METHOD AND APPARATUS FOR TESTING AND EVALUATING A
SOFTWARE COMPONENT USING AN ABSTRACTION MATRIX

Abstract of the Disclosure

A functional testing and evaluation technique is provided employing an abstraction matrix that describes a complex software component to be tested. The abstraction matrix includes at least one test case scenario and mapped expected results therefore. Test cases are derived from the at least one test case scenario and used to test the software component, thereby generating test results. The test results are automatically evaluated using the abstraction matrix. The evaluating includes comparing a test case to the at least one test case scenario of the abstraction matrix and if a match is found, comparing the test result for that test case with the mapped expected result therefore in the abstraction matrix.